

## SCHEDULE

8:00am - 9:00am	Registration Continental Breakfast
9:00am	Opening Remarks <b>Diane Melrose, RDH, BS</b> <b>Chair Dental Hygiene</b>
9:15am	Advances in Clinical Decision- Making for Improved Patient Care (Part I) <b>Rebecca Wilder, RDH, MS</b>
10:30am	Break
11:00am	<b>Rebecca Wilder, RDH, MS</b>
12:30pm	Lunch
1:30pm	Advances in Clinical Decision- Making for Improved Patient Care (Part II) <b>Ann Spolarich, RDH, PhD</b>
3:00pm	Break
3:30pm	<b>Ann Spolarich, RDH, PhD</b>
4:30pm	Closing Remarks

# *USC Ruth Ragland 22<sup>nd</sup> Dental Hygiene Symposium*





### **Ann Eshenaur Spolarich, RDH, PhD**

Dr. Spolarich received her certificate in Dental Hygiene from the University of Pennsylvania, a baccalaureate degree in Dental Hygiene from Thomas Jefferson University, and both a Master of Science in Dental Hygiene and a PhD in Physiology from the University of Maryland at Baltimore. Dr. Spolarich is an internationally recognized author and speaker on pharmacology and the care of medically complex patients. She has published over 60 papers, and 6 chapters in dental hygiene textbooks. She is a member of several editorial review boards, and is a consultant to the National Center for Dental Hygiene Research. Dr. Spolarich has held several academic appointments, including at Thomas Jefferson University and the University of Pennsylvania School of Dental Medicine. Currently, she teaches Clinical Medicine and Pharmacology at the Arizona School of Dentistry and Oral Health, and Pharmacology in the Audiology Department at the Arizona School of Health Sciences. She is also a Clinical Associate Professor at the USC School of Dentistry, and a Clinical Instructor on the Dean's Faculty at the University of Maryland Dental School.

**Topic:** *Advances in Clinical Decision-Making for Improved Patient Care (Part I)*



### **Rebecca Wilder, RDH, MS**

Rebecca Wilder graduated in Dental Hygiene Education from the University of Missouri-Kansas City. She is currently an Associate Professor and Director of the Master of Science Degree Program in Dental Hygiene Education at the University of North Carolina School of Dentistry in Chapel Hill, NC. Rebecca teaches periodontology, management/administration and thesis development. She is a member of Sigma Phi Alpha, the American Dental Hygienists' Association, the International Association of Dental Research, The American Dental Education Association, and serves as a reviewer for several journals. She is currently the Editor-in-Chief of the Journal of Dental Hygiene. Rebecca is an editor for the Second Edition of *Mosby's Dental Hygiene: Concepts, Cases, Competencies*. She has served as chair of the ADHA Institute for Oral Health Research Grant Review Committee, the ADHA International Association of Dental Research. Rebecca is the 2002 recipient of the Colgate/IADR Oral Health Research Award and is also one of the 2002 recipients of the Pfizer/ADHA Award for Excellence in Dental Hygiene. In 2007, she received the Alumni Achievement Award from the University of Missouri-Kansas City. She has published approximately 100 articles and abstracts in professional journals and serves as a consultant and speaker for several dental manufacturers.

**Topic:** *Advances in Clinical Decision-Making for Improved Patient Care (Part II)*

## **SYNOPSIS**

Current research indicates that the dental hygienist in general practice can play an important role in the treatment and maintenance of periodontal disease. As co-therapists in the treatment of disease, dental hygienists must cultivate their pivotal role in the prevention, recognition and treatment of the disease. This course will provide the participants with the latest information on the etiology and assessment of periodontal disease and offer ways to incorporate new treatment modalities into practice. Risk factors will be discussed including the latest information on the linkage between systemic health and periodontal disease. Periodontal maintenance therapy will be emphasized to include strategies to motivate patients, essential re-evaluation components, and treatment and product selection. In addition, this course will provide current information about the assessment, treatment and management of clients taking selected prescription medications. Oral side effects associated with these medications, including bleeding, xerostomia, infections and alterations to the oral tissues will be discussed. Related drug interactions of significance to dentistry, as well as risk assessment and risk reduction strategies will be reviewed. Oral health intervention strategies, including new dental drugs and products to prevent or reduce the severity of associated oral side effects will be presented. Also included will be topics on new local delivery products for periodontitis, the future of host modulating agents to control disease, new research on instrumentation techniques, and assessing the need for re-treatment or referral.

## **UPON COMPLETION OF THIS COURSE PARTICIPANTS SHOULD KNOW HOW TO:**

- Discuss current theory regarding risk factor for periodontal disease.
- Know current research findings pertaining to the oral - systemic health link.
- Recommend specific home care techniques for periodontal maintenance patients based on scientific evidence.
- Describe the evidence regarding antibiotics and antimicrobials used for the treatment of periodontal disease including systemic, topical, and controlled - release medication.
- Know how to perform a comprehensive pharmacologic history review, which includes assessment of the client's use of over-the-counter, prescription and herbal medications.
- Identify prescription drugs and herbal supplements that may cause an increased risk for bleeding and understand how to reduce usage complications.
- Identify common prescription drugs that may cause xerostomia.
- Discuss other adverse effects associated with prescription medications including risk for oral infections, adverse taste, and alterations in oral soft tissues.
- Recommend strategies for improving the oral health of clients taking prescription medications.
- Be familiar with new dental drugs and oral health care products that can be used to improve the oral health of medicated patients.